

Title (en)
FLOATING CONNECTOR ASSEMBLY

Title (de)
SCHWIMMENDE VERBINDERANORDNUNG

Title (fr)
ENSEMBLE CONNECTEUR FLOTTANT

Publication
EP 1012923 A1 20000628 (EN)

Application
EP 98922982 A 19980602

Priority

- EP 98922982 A 19980602
- EP 97401371 A 19970616
- EP 98108597 A 19980512
- IB 9800842 W 19980602

Abstract (en)
[origin: WO9858424A1] A connector assembly has first and second connectors (4, 6) that are floatably mountable with respect to frames (20, 80) of devices to enable absorption of positional tolerances during coupling. One of the connectors (6) has guide projections (58) formed by orthogonal tapered walls (64, 66) received within in a shoulder (68) of the mating connector. The projections (58) reduce the cross-sectional surface area required for guiding the connectors together. The connector (6) is releasable from its support frame (80) once the connectors are fully coupled, by camming of the latch (78) during coupling. Large positional tolerances in the mating direction are thus absorbed.

IPC 1-7
H01R 13/631

IPC 8 full level
H01R 13/631 (2006.01)

CPC (source: EP)
H01R 13/6315 (2013.01)

Citation (search report)
See references of WO 9858424A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 9858424 A1 19981223; AU 7543998 A 19990104; DE 69809771 D1 20030109; DE 69809771 T2 20030717; EP 1012923 A1 20000628; EP 1012923 B1 20021127

DOCDB simple family (application)
IB 9800842 W 19980602; AU 7543998 A 19980602; DE 69809771 T 19980602; EP 98922982 A 19980602